

# MegaRAID® LSiBBU01 Connection to a MegaRAID Controller via Cable Installation Instructions



The MegaRAID LSiBBU01 is an intelligent battery-backup module that protects the integrity of the cached data on a MegaRAID controller for up to 72 hours in the event of a complete AC power failure.

The LSiBBU01 is used with the following RAID controllers:

- MegaRAID SAS 8308ELP
- MegaRAID SAS 8344ELP
- MegaRAID SAS 84016E
- MegaRAID SATA 300-8ELP
- MegaRAID SATA 300-8XLP

The LSiBBU01 does not connect directly to these MegaRAID controllers. Instead, it uses the supplied 20-pin, 10-inch cable to connect to a controller. There are black dots on the connectors to help you install them properly. Insert the cable connectors into the controller connector and the iBBU connector so that the black dots are aligned, as shown in the example in [Figure 1](#).

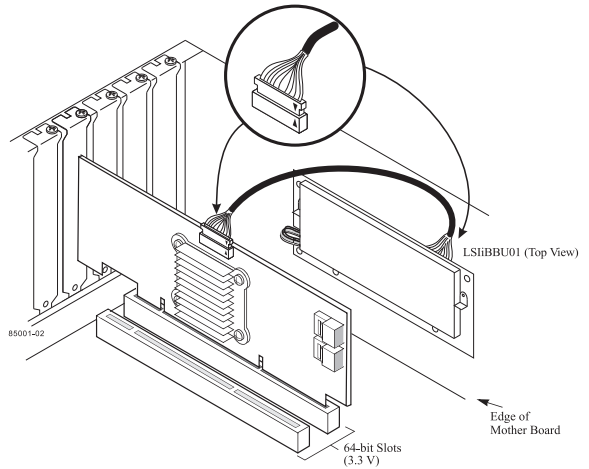
The battery backup unit must be mounted inside the chassis within 10 inches of the RAID controller. Because server and workstation chassis vary from vendor to vendor, there is no standard mounting option that is compatible with the various system configurations. Therefore, the LSiBBU01 battery kit contains only the battery and the cable, allowing VAR's and chassis manufacturers to customize the location of the remote battery to provide the most flexibility within various environments.

**Important:** For more information about the LSiBBU01 battery backup unit, refer to the *MegaRAID Battery Backup Unit User's Guide* on the *MegaRAID Universal Software Suite CD*.

The LSiBBU01 is compliant with the Smart Battery Data Specification, which relieves the host system from the responsibility of communicating battery information and charging the battery.

You can view information about the LSiBBU01, such as battery temperature and voltage, in the BIOS Configuration Utility and the WebBIOS Configuration Utility.

**Figure 1 LSiBBU01 Connected to the MegaRAID SATA 300-8XLP RAID Controller**

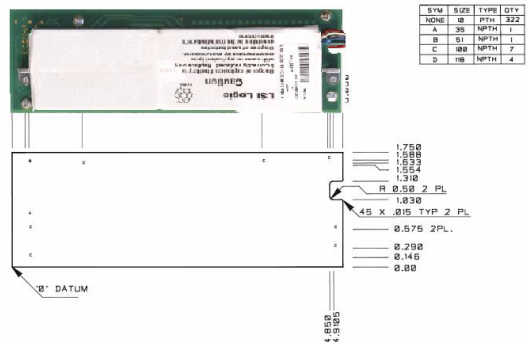


[Figure 2](#) shows the mechanical drawing of the LSiBBU01.

**Figure 2 Mechanical Drawing of LSiBBU01**

**NOTES:**

1. ALL PLATED HOLES  $\pm .003$  AND UNPLATED HOLES ARE  $\pm .002$   $\pm .001$  TOLERANCE.
2. OVERALL PWB THICKNESS TO BE  $.050 \pm .007$ .
3. ALL DIMENSIONS ARE IN INCHES.
4. MANUFACTURE TO IPC-A-600-F UNLESS OTHERWISE STATED IN LSI LOGIC SPECIFICATION.





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